

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/019385

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01R4/24 H01R43/01 H01R11/12 | | |
|--|---|--|
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01R | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EP0-Internal | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 4 312 556 A (DUFAU OSCAR) 26 January 1982 (1982-01-26) column 4, line 33 - line 49 column 5, line 23 - line 35 column 5, line 52 - line 54 figures 1,2 ----- | 1,3-7 |
| A | DE 21 31 769 A (SIEMENS AG) 28 December 1972 (1972-12-28) page 4, line 14 - line 25; figures 5,6 ----- | 1-7 |
| A | EP 1 073 145 A (MIRAI KOGYO KABUSHIKI KAISHA) 31 January 2001 (2001-01-31) paragraph '0040! - paragraph '0045!; figure 8 ----- | 1-7 |
| <input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div> *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed </div> <div> *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family </div> </div> | | |
| Date of the actual completion of the international search | | Date of mailing of the international search report |
| 14 October 2004 | | 25/10/2004 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Criqui, J-J |

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Information on patent family members

International Application No.

PCT/US2004/019385

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 4312556 | A | 26-01-1982 | NONE | |
| DE 2131769 | A | 28-12-1972 | DE 2131769 A1 | 28-12-1972 |
| EP 1073145 | A | 31-01-2001 | EP 1073145 A1 | 31-01-2001 |
| | | | WO 9953570 A1 | 21-10-1999 |
| | | | TW 406449 B | 21-09-2000 |